

**CCN1, 1-377aa, Human, His tag, E.coli**

**Cat.NO.: TP01470**

3th Edition

**Synonyms:**Cyclin-I, CYC1, CYI

**Description:**CCN1 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin shows the highest similarity with cyclin G. The transcript of this gene was found to be expressed constantly during cell cycle progression. The function of this cyclin has not yet been determined. Recombinant human CCN1 protein, fused to His-tag at N-terminus, was expressed in E.coli

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

**Molecular Weight:**44.9kDa (400aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMKFPGPLENQRLSFLLEKAITREAAQMWKVNVRKMPSNQNVSPSQRDEVIQ  
WLAKLKYQFNLYPETFALASSLLDRFLATVKAHPKYLSCIAISCFFLAAKTVEEDERIPVLKVLARDSFCGCSSEILR  
MERIILDKLNWDLHTATPLDFLHIFHAIHAVSTRPQLLFSLPKLSQHLAVLTKQLLHMACNQLLQFRGSMLALAMV  
SLEMEKLIPDWLSLTIELLQKAQMDSSQLIHCRELVAAHHLSTLQSSLPLNSVYVYRPLKHTLVTCDKGVFRLHPSSVP  
GPDFS KDNSKPEVPVRGTAAFYHHLPAASGCKQTSTKRKVEEMEVD DFDYDGIKRLYNEDNVSENVGSGVCGTDLSR  
QEGHASPCPPLQPVSV

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.